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REPORT NO. [REDACTED]

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INFORMATION REPORT

COUNTRY Czechoslovakia

DATE DISTR. 23 July 1951

SUBJECT Transmitters and Receivers Produced
by Tesla-Hloubetin

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1. The Tesla Plant II in Prague-Hloubetin produces Jalta transmitters on order for the Czech army. This transmitter is 250 cm by 70 cm by 70 cm in size, and has an output of 200 watts on a frequency of 3 to 6 megacycles. The tube line-up is as follows:

EF50	VFO Clapp
EF50	CC Oscillator, 3.500 KC
2 RL 12 P 10	Amplification stages
1S4	PA driver
4 1S50	PA, push-pull parallel
2 EY3000	Rectifiers

In addition, Tesla produces for the army Lambda 15-tube receivers.

2. For the army, the SIB and the StB Tesla produces type 265 mobile transmitters and receivers for automobiles. Both operate on a frequency of 35 megacycles. The tube line-up in the transmitter is as follows:

RL 12 P 10	Oscillator
2 RL 12 P 10	PA, push-pull
RL 12 P 10	Modulator

3. For the StB and various workers' militias the apprentice workshop of Tesla produced during 1948 and 1949 about 80 portable transmitters and receivers 15 cm by 20 cm in size. The transmitter operated on 35 megacycles and used 2 DDD 25 RL 1 P 2 tubes. The receiver was super-regenerative with an RF stage.

4. In addition, Tesla produces a transmitter-receiver of type 267, which operates on 35 megacycles. The tube line-up for the transmitter is as follows:

RV 12 P 2000	Oscillator
1S4	Driver
2 1S50	PA, push-pull

The receiver uses five RV 12 P 2000 tubes.

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5. The development section of Tesla is copying or improving American-made tubes 6L6, 6J7, 6AC 7, 6V6, 134, 115 and 3Q4. Success has been limited by the lack of non-ferrous metals.

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